

846 Inventory Inquiry/Advice

Functional Group=IB

Purpose: This Draft Standard for Trial Use contains the format and establishes the data contents of the Inventory Inquiry/Advice Transaction Set (846) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used in the following ways: (1) for a seller of goods and services to provide inventory information to a prospective purchaser, with no obligation to the purchaser to acquire these goods or services; (2) for a representative of a seller of goods and services to supply inventory information to that seller; (3) for one location to supply another location with inventory information; and (4) for an inquiry as to the availability of inventory with no obligation on the seller of goods and services to reserve that inventory.

Federal Note:

1. Organizations use this transaction set to notify the distribution depot that ownership of stored wholesale assets has changed, to request asset information, and to report asset information.
2. Use one occurrence of this transaction set to transmit a single or multiple transactions.
3. DoD logistics users should refer to the Defense Logistics Management System (DLMS) Supplement to the Federal Implementation Convention (IC) available at URL: <http://www.dla.mil/j-6/dlms>. The DLMS Supplement provides specific business rules, conditions, and authorized codes necessary for appropriate use of this IC within the DLMS.

DLMS Note:

1. Losing Item Mangers (LIMs) use this transaction set to notify the distribution depot that ownership of stored wholesale assets has transferred to the Gaining Item Manger (GIM) and to request asset information. Distribution depots use this transaction set to report asset information to the LIM. This transaction encompasses the functionality of MILSTRAP Document Identifier (DI) Codes DZC and DZD.
2. Use a single occurrence of this transaction set to exchange transactions between a single LIM and a single or multiple distribution depots, or between a single distribution depot and a single or multiple LIMs.
3. DLSS functionality allows for Service and Agency data in various RP(s). Data conveyed therein will require Service or Agency identification to DLA Logistics Management Standards and incorporation into the DLMS.
4. Users operating under the Defense Logistics Management system (DLMS) must reference the Unit of Issue and Purchase Unit Conversion Table, Transportation Mode of Shipment Conversion Table and the Accounting Classification Appendix which can be found on the DLA Logistics Management Standards web site at <http://www.dla.mil/j-6/dlms>.
5. This DLMS Supplement contains:
 - a. Data associated with a DLMS enhancement which may not be received or understood by the recipient's automated processing system. DLMS procedures may not have been developed. Components must coordinate requirements and business rules with DLA Logistics Management Standards prior to use.
 - b. Data associated with an Approved Change which may not have an established implementation date. This data may not be received or understood by the recipient's automated processing system. Components must coordinate implementation with DLA Logistics Management Standards prior to use.
 - c. Defense Logistics Standard System (DLSS) data which must be retained in the DLMS for a transition period to support transaction conversion in a mixed DLSS/DLMS environment. This data will be streamlined out once full DLMS implementation is reached. Components may coordinate with DLA Logistics Management Standards for early termination (or retention) of specific data requirements for users operating in a full DLMS environment.
 - d. Data elements which have an expanded files size above existing DLSS capability which may not be supported by the recipient's automated processing system. Components must coordinate implementation with DLA Logistics Management Standards prior to use.
 - e. Repetition of data using multiple iteration or loops is not compatible with existing DLSS capability. Although supported by the ANSI X12 standard, such data is not compatible with DLSS/DLMS conversion and may not be supported by the recipient's automated processing system. Components must coordinate implementation of enhanced capability with DLA Logistics Management Standards prior to use.
6. This DLMS supplement (DS) incorporates Proposed DLMS Change (PDC) and Approved DLMS Change (ADC) listed. PDC/ADCs are available from the DLA Logistics Management Standards website: <http://www.dla.mil/j-6/dlms/elibrary/Changes/processchanges.asp>
 - ADC 66, Revision of DS 846S, Logistics Reassignment Storage Transfer Order/Reply
 - ADC 77, Air Force Unique Management Coding for Material Management Aggregation Code.
 - ADC 151, Administrative Revisions to DLMS Supplement 846L, Logistics Asset Support and 846S, Logistics Reassignment Storage Transfer/Order/Reply (Supply)
 - ADC 260, Revise DLMS and MILSTRAP to Support Intra-Army Logistics Reassignment (LR) Requirement, DLMS Supplement (DS) 846D and DS 846S LR Transactions (Supply/MILSTRAP)
 - Withdrawal of Approved MILSTRAP/MILSTRIP Change Letter (AMCL) 5 and 13, Date Packed/Expiration for Subsistence Items (Staffed by PMCLs 3) (Supply/MILSTRIP/MILSTRAP)
 - ADC 436, Administrative Revisions to DLMS Supplements to Remove Obsolete Routing Identifier Code (RIC) "Streamline" Notes and Update MILSTRIP/DLMS Documentation Associated with Routing Identifiers

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
010	ST	Transaction Set Header	M	1			Must use
020	BIA	Beginning Segment for Inventory Inquiry/Advice	M	1			Must use
* 040	CUR	Currency	O	1			Not Used
* 050	DTM	Date/Time Reference	O	10			Not Used
* 060	REF	Reference Identification	O	12			Not Used
* 070	PER	Administrative Communications Contact	O	3			Not Used
* 075	MEA	Measurements	O	20			Not Used
LOOP ID - N1					5		
080	N1	Name	O	1			Used
* 090	N2	Additional Name Information	O	2			Not Used
* 100	N3	Address Information	O	2			Not Used
* 110	N4	Geographic Location	O	1			Not Used
* 120	REF	Reference Identification	O	12			Not Used
* 130	PER	Administrative Communications Contact	O	3			Not Used
LOOP ID - LM					10		
140	LM	Code Source Information	O	1			Used
150	LQ	Industry Code	M	100			Must use

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - LIN					10000		
010	LIN	Item Identification	M	1			Must use
* 030	PID	Product/Item Description	O	200			Not Used
* 040	MEA	Measurements	O	40			Not Used
* 050	PKG	Marking, Packaging, Loading	O	25			Not Used
100	DTM	Date/Time Reference	O	10			Used
* 110	CTP	Pricing Information	O	25			Not Used
* 120	CUR	Currency	O	1			Not Used
* 130	SAC	Service, Promotion, Allowance, or Charge Information	O	25			Not Used
140	REF	Reference Identification	O	>1			Used
* 150	PER	Administrative Communications Contact	O	3			Not Used
* 220	SDQ	Destination Quantity	O	500			Not Used
* 230	MAN	Marks and Numbers	O	1			Not Used
* 235	UIT	Unit Detail	O	5			Not Used
* 240	CS	Contract Summary	O	1			Not Used
* 250	DD	Demand Detail	O	>1			Not Used
* 255	G53	Maintenance Type	O	1			Not Used
* 256	PCT	Percent Amounts	O	>1			Not Used
* 257	LDT	Lead Time	O	12			Not Used
* LOOP ID - LM					10		
* 260	LM	Code Source Information	O	1			Not Used
* 270	LQ	Industry Code	M	100			Not Used
* LOOP ID - SLN					1000		
* 280	SLN	Subline Item Detail	O	1			Not Used
* 290	PID	Product/Item Description	O	200			Not Used
* 300	MEA	Measurements	O	40			Not Used
* 310	PKG	Marking, Packaging, Loading	O	25			Not Used

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
* LOOP ID - MAN					100		
* 312	MAN	Marks and Numbers	O	1			Not Used
* 314	MEA	Measurements	O	40			Not Used
LOOP ID - QTY					99		
320	QTY	Quantity	O	1			Used
* 330	UIT	Unit Detail	O	12			Not Used
* 340	MEA	Measurements	O	25			Not Used
* 350	LDT	Lead Time	O	12			Not Used
* 355	DTM	Date/Time Reference	O	10			Not Used
* LOOP ID - SCH					25		
* 360	SCH	Line Item Schedule	O	1			Not Used
* 370	MEA	Measurements	O	25			Not Used
LOOP ID - LM					≥1		
375	LM	Code Source Information	O	1			Used
376	LQ	Industry Code	M	100			Must use
* LOOP ID - LS					1		
* 380	LS	Loop Header	O	1			Not Used
* LOOP ID - REF					≥1	N2/390L	
* 390	REF	Reference Identification	O	1		N2/390	Not Used
* 400	DTM	Date/Time Reference	O	>1			Not Used
* 410	N1	Name	O	1			Not Used
* LOOP ID - LM					10		
* 420	LM	Code Source Information	O	1			Not Used
* 430	LQ	Industry Code	M	100			Not Used
* 440	LE	Loop Trailer	M	1			Not Used
LOOP ID - N1					200		
450	N1	Name	O	1			Used
* 460	N2	Additional Name Information	O	2			Not Used
* 470	N3	Address Information	O	2			Not Used
* 480	N4	Geographic Location	O	1			Not Used
* 490	REF	Reference Identification	O	12			Not Used
* 500	PER	Administrative Communications Contact	O	3			Not Used

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
* 010	CTT	Transaction Totals	O	1		N3/010	Not Used
020	SE	Transaction Set Trailer	M	1			Must use

Notes:

2/390L The REF loop conveys serial number, lot number, and inventory data.

2/390 The REF loop conveys serial number, lot number, and inventory data.

3/010 Number of line items (CTT01) is the accumulation of number of LIN segments. If used, hash total (CTT02) is the sum of the values of the quantities (QTY02) of each QTY segment.

ST Transaction Set Header

Pos: 010	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the start of a transaction set and to assign a control number

Semantics:

- The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
ST01	143	Transaction Set Identifier Code	M	ID	3/3	Must use	1
		Description: Code uniquely identifying a Transaction Set					
		Code Name					
		846 Inventory Inquiry/Advice					
ST02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					
		Federal Note: <i>A unique number assigned by the originator of the transaction set, or the originator's application program.</i>					

BIA Beginning Segment for Inventory Inquiry/Advice

Pos: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 5

User Option (Usage): Must use

Purpose: To indicate the beginning of an Inventory Inquiry/Advice Transaction Set

Semantics:

1. BIA03 identifies the number of the inquiry/advice that is transferred.
2. BIA04 identifies the date of the inquiry/advice that is transferred.
3. BIA05 identifies the time of the inquiry/advice that is transferred.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
BIA01	353	Transaction Set Purpose Code	M	ID	2/2	Must use	1

Description: Code identifying purpose of transaction set

Code Name

00 Original
77 Simulation Exercise

DLMS Note:

Use to identify a simulated mobilization exercise transaction set. Activities initiating simulated mobilization exercises must ensure complete coordination with all activities involved. All transaction set recipients must use extreme caution to ensure that individual transactions do not process as action documents which affect accountable records.

BIA02	755	Report Type Code	M	ID	2/2	Must use	1
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Description: Code indicating the title or contents of a document, report or supporting item

Code Name

PK Storage Information Inquiry

DLMS Note:

Use to identify a Logistics Reassignment (LR) Storage Information Order. (MILSTRAP DI Code DZC functionality.)

TQ Storage Information Advice

DLMS Note:

Use to identify an LR Storage Information Reply. (MILSTRAP DI Code DZD functionality.)

BIA03	127	Reference Identification	M	AN	1/30	Must use	1
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Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Federal Note: Use Code "Z" for this data element to satisfy mandatory X12 syntax requirements.

BIA04	373	Date	M	DT	8/8	Must use	1
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Description: Date expressed as CCYYMMDD

Federal Note: This date is the date of transaction set preparation. This date corresponds to the Universal Time Coordinate (UTC).

DLMS Note: DLMS enhancement; see

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		<i>introductory DLMS note 5a.</i>					
BIA05	337	Time	O	TM	4/8	Used	1
		<p>Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)</p> <p>Federal Note: 1. Express the originating activity's time of transaction set preparation in UTC.</p> <p>2. Express time in a four-position (HHMM) format.</p> <p>DLMS Note: DLMS enhancement; see introductory DLMS note 5a.</p>					

N1 Name

Pos: 080	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used**Purpose:** To identify a party by type of organization, name, and code**Syntax Rules:**

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Federal Note:

Must use the 1/N1/080 loop to identify the organization originating the transaction set.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use	1
<p>Description: Code identifying an organizational entity, a physical location, property or an individual</p> <p>Federal Note: <i>Use any code.</i></p> <p>DLMS Note: <i>1. Use only one of code SB or ZN.</i></p> <p><i>2. For DLMS use, only the following codes are authorized.</i></p> <p>Code Name</p> <p>SB Storage Area</p> <p>DLMS Note: <i>Use to identify a depot or other storage activity.</i></p> <p>ZN Losing Inventory Manager</p>							
N103	66	Identification Code Qualifier	X	ID	1/2	Used	1
<p>Description: Code designating the system/method of code structure used for Identification Code (67)</p> <p>Code Name</p> <p>1 D-U-N-S Number, Dun & Bradstreet</p> <p>DLMS Note: <i>DLMS enhancement; see introductory DLMS note 5a.</i></p> <p>9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix</p> <p>DLMS Note: <i>DLMS enhancement; see introductory DLMS note 5a.</i></p> <p>10 Department of Defense Activity Address Code (DODAAC)</p> <p>DLMS Note: <i>DLMS enhancement; see introductory DLMS note 5a.</i></p> <p>M4 Department of Defense Routing Identifier Code (RIC)</p>							
N104	67	Identification Code	X	AN	2/80	Used	1

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N106	98	Entity Identifier Code	O	ID	2/3	Used	1

Description: Code identifying a party or other code

Description: Code identifying an organizational entity, a physical location, property or an individual

Code Name

FR Message From

Federal Note:

Must use with the appropriate 1/N101/080 code to indicate the organization cited in N104 is originating the transaction set.

LM Code Source Information

Pos: 140	Max: 1
Heading - Optional	
Loop: LM	Elements: 1

User Option (Usage): Used

Purpose: To transmit standard code list identification information

Comments:

1. LM02 identifies the applicable industry code list source information.

Federal Note:

Must use this 1/LM/140 loop to identify coded information used in department or agency documentation.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use	1
Description: Code identifying the agency assigning the code values							
Code Name							
DF Department of Defense (DoD)							

LQ Industry Code

Pos: 150	Max: 100
Heading - Mandatory	
Loop: LM	Elements: 2

User Option (Usage): Must use**Purpose:** Code to transmit standard industry codes**Syntax Rules:**

1. C0102 - If LQ01 is present, then LQ02 is required.

Federal Note:

Use to identify codes, as appropriate, consistent with management information requirements.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
LQ01	1270	Code List Qualifier Code	O	ID	1/3	Used	1

Description: Code identifying a specific industry code list

Federal Note: Use any code.

DLMS Note: For DLMS use, only the following codes are authorized.

Code Name

0 Document Identification Code

DLMS Note:

1. Future Streamlined data; see introductory DLMS note 5c.
2. The DLSS DI Code is retained in the DLMS to facilitate transaction conversion in a mixed DLSS/DLMS environment. Continued support of the DI Code in a full DLMS environment will be assessed at a future date.

A9 Supplemental Data

DLMS Note:

1. Use to identify supplemental address/data.
2. During the DLSS/DLMS transition, this field will be used to perpetuate/populate the DLSS Supplemental Address (SUPAAD) field. During this time, field size is restricted to 6 positions; see introductory DLMS note 5d.
3. Expanded use of this field for supplemental data with out size restriction is a DLMS enhancement; see introductory DLMS note 5a.
4. Under full DLMS, the requirement to pass activity address information within the supplement data field will be streamlined. Activity address data previously contained in the SUPAAD will be reflected exclusively in the N1 segment. Future streamlined data; see introductory DLMS note 5c.

AJ Utilization Code

DLMS Note:

1. Under DLSS, this is the first position of the document serial number.
2. DLMS enhancement; see introductory DLMS note 5a.

LQ02	1271	Industry Code	X	AN	1/30	Used	1
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Description: Code indicating a code from a specific industry code list

LIN Item Identification

Pos: 010	Max: 1
Detail - Mandatory	
Loop: LIN	Elements: 4

User Option (Usage): Must use

Purpose: To specify basic item identification data

Syntax Rules:

1. P0405 - If either LIN04 or LIN05 is present, then the other is required.
2. P0607 - If either LIN06 or LIN07 is present, then the other is required.
3. P0809 - If either LIN08 or LIN09 is present, then the other is required.
4. P1011 - If either LIN10 or LIN11 is present, then the other is required.
5. P1213 - If either LIN12 or LIN13 is present, then the other is required.
6. P1415 - If either LIN14 or LIN15 is present, then the other is required.
7. P1617 - If either LIN16 or LIN17 is present, then the other is required.
8. P1819 - If either LIN18 or LIN19 is present, then the other is required.
9. P2021 - If either LIN20 or LIN21 is present, then the other is required.
10. P2223 - If either LIN22 or LIN23 is present, then the other is required.
11. P2425 - If either LIN24 or LIN25 is present, then the other is required.
12. P2627 - If either LIN26 or LIN27 is present, then the other is required.
13. P2829 - If either LIN28 or LIN29 is present, then the other is required.
14. P3031 - If either LIN30 or LIN31 is present, then the other is required.

Semantics:

1. LIN01 is the line item identification

Comments:

1. See the Data Dictionary for a complete list of IDs.
2. LIN02 through LIN31 provide for fifteen different product/service IDs for each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.

Federal Note:

Must use the 2/LIN/010 loop to identify the National Stock Number (NSN), transaction number, and inventory information.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
LIN02	235	Product/Service ID Qualifier	M	ID	2/2	Must use	1

Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)

Federal Note: Use any code.

DLMS Note: For DLMS use only the following codes are authorized.

Code Name

F4 Series Identifier

DLMS Note:

Use to identify the manufacturer's series number of the end item.

FS National Stock Number

MG Manufacturer's Part Number

MN Model Number

DLMS Note:

Use to identify the manufacturer's model number of the end item.

SN Serial Number

DLMS Note:

Code Name

Use to identify the manufacturer's serial number of the end item.

LIN03	234	Product/Service ID	M	AN	1/48	Must use	1
Description: Identifying number for a product or service							

LIN04	235	Product/Service ID Qualifier	X	ID	2/2	Used	1
Description: Code identifying the type/source of the descriptive number used in Product/Service ID (234)							

Federal Note: Use any code.

DLMS Note: For DLMS use only the following codes are authorized.

Code Name

ZB Commercial and Government Entity (CAGE) Code

DLMS Note:

Use with LIN02 to uniquely identify a manufacturers part number.

LIN05	234	Product/Service ID	X	AN	1/48	Used	1
Description: Identifying number for a product or service							

DTM Date/Time Reference

Pos: 100	Max: 10
Detail - Optional	
Loop: LIN	Elements: 2

User Option (Usage): Used**Purpose:** To specify pertinent dates and times**Syntax Rules:**

1. R020305 - At least one of DTM02, DTM03 or DTM05 is required.
2. C0403 - If DTM04 is present, then DTM03 is required.
3. P0506 - If either DTM05 or DTM06 is present, then the other is required.

Federal Note:

Use multiple repetitions of this segment to define unique dates associated with the transaction.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	Must use	1

Description: Code specifying type of date or time, or both date and time

Federal Note: Use any code.

DLMS Note: For DLMS use only the following codes are authorized.

Code Name

007 Effective

DLMS Note:

Must use for LR storage information order transactions to identify the Effective Transfer Date (ETD); otherwise, do not use.

DTM02	373	Date	X	DT	8/8	Used	1
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Description: Date expressed as CCYYMMDD

REF Reference Identification

Pos: 140	Max: >1
Detail - Optional	
Loop: LIN	Elements: 2

User Option (Usage): Used

Purpose: To specify identifying information

Syntax Rules:

1. R0203 - At least one of REF02 or REF03 is required.

Semantics:

1. REF04 contains data relating to the value cited in REF02.

Federal Note:

Must use to identify the transaction number.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use	1
		Description: Code qualifying the Reference Identification					
		Federal Note: <i>Use any code.</i>					
		DLMS Note: <i>For DLMS use only the following codes are authorized.</i>					
		Code Name					
		TN Transaction Reference Number					
		W8 Suffix					
REF02	127	Reference Identification	X	AN	1/30	Used	1
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier					

QTY Quantity

Pos: 320	Max: 1
Detail - Optional	
Loop: QTY	Elements: 3

User Option (Usage): Used**Purpose:** To specify quantity information**Syntax Rules:**

1. R0204 - At least one of QTY02 or QTY04 is required.
2. E0204 - Only one of QTY02 or QTY04 may be present.

Semantics:

1. QTY04 is used when the quantity is non-numeric.

Federal Note:

Use multiple iterations of the 2/QTY/320 loop when exchanging asset status information to stratify quantities by material classification.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
QTY01	673	Quantity Qualifier	M	ID	2/2	Must use	1

Description: Code specifying the type of quantity

Federal Note: Use any code.

DLMS Note: For DLMS use only the following codes are authorized.

Code Name

RY Requirement Quantity

DLMS Note:

Army uses for intra-Army LR in LR storage information order transactions, to identify quantity to be transferred to the SICA to fill open requirements. The distribution depot uses in LR storage information reply transactions to identify the quantity transferred to the Army SICA. Use of this data is meaningful to Army and DLA DSS only. For intra-Army LR under DLSS, this data is cited in multiuse rp 51-55 of MILSTRAP DI Codes DZC and DZD. Authorized Army/DLA DSS DLMS migration enhancement for use in intra-Army LR.

V1 Retention Quantity

DLMS Note:

Use to identify the retention quantity. For LR storage information order transactions this represents the quantity scheduled to be retained by the LIM. For LR storage information reply transactions this represents the quantity actually retained by the LIM. Do not use in reply transactions if no corresponding order transaction was received.

V2 Available Quantity

DLMS Note:

1. Use for LR storage information reply transactions to identify the quantity transferred to GIM ownership; otherwise, do not use. The quantity available for transfer is subject to the retention quantity cited in the LR storage information order.

2. To reverse all or part of a previously submitted LR storage information reply, use a minus sign in front of the quantity to be reversed.

V3 Transfer Quantity

DLMS Note:

Use for LR storage information order transactions to identify the quantity to be transferred to GIM ownership; otherwise, do not use. To reverse all or part of an LR storage information order, use a minus sign in front of the quantity to be reversed.

QTY02	380	Quantity	X	R	1/15	Used	1
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Description: Numeric value of quantity

Federal Note: Express as a number with no decimals.

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
		DLMS Note: <i>A field size exceeding 5 positions (seven for FSG 13, ammunition) may not be received or understood by recipient's automated processing system. See introductory DLMS note 5d.</i>					
QTY03	C001	Composite Unit of Measure	O	Comp		Used	1
		Description: To identify a composite unit of measure(See Figures Appendix for examples of use)					
QTY03-01	355	Unit or Basis for Measurement Code	M	ID	2/2	Must use	1
		Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken					
		Federal Note: <i>Use to accommodate legacy system requirements.</i>					
		DLMS Note: <i>DLMS users see the Unit of Issue and Purchase Unit Conversion Table for applicable codes.</i>					
		All valid standard codes are used.					

LM Code Source Information

Pos: 375	Max: 1
Detail - Optional	
Loop: LM	Elements: 1

User Option (Usage): Used

Purpose: To transmit standard code list identification information

Comments:

1. LM02 identifies the applicable industry code list source information.

Federal Note:

Use the 2/LM/375 loop to identify coded information maintained in department or agency documentation.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use	1
Description: Code identifying the agency assigning the code values							
<u>Code</u> <u>Name</u>							
DF Department of Defense (DoD)							

LQ Industry Code

Pos: 376	Max: 100
Detail - Mandatory	
Loop: LM	Elements: 2

User Option (Usage): Must use**Purpose:** Code to transmit standard industry codes**Syntax Rules:**

1. C0102 - If LQ01 is present, then LQ02 is required.

Federal Note:

Use to identify codes, as appropriate, consistent with management information requirements.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
LQ01	1270	Code List Qualifier Code	O	ID	1/3	Used	1

Description: Code identifying a specific industry code list

Federal Note: *Use any code.*

DLMS Note: *1. Use either code 99 or A1 (but not both), except for ammunition where both codes may be used. Use of both codes for ammunition is a DLMS enhancement; see introductory DLMS note 5a.*

2. For DLMS use, only the following codes are authorized. (Use of both codes for ammunition is a DLMS enhancement (see introductory DLMS note 5a.))

Code Name

78	Project Code
83	Supply Condition Code
84	Management Code
87	Subsistence Type of Pack Code

DLMS Note:

Use for subsistence items to identify subsistence type of pack information.

99	Purpose Code
A1	Ownership Code
A9	Supplemental Data

DLMS Note:

1. Use to identify supplemental address/data.

2. During the DLSS/DLMS transition, this field will be used to perpetuate/populate the DLSS Supplemental Address (SUPAAD) field. During this time, field size is restricted to 6 positions; see introductory DLMS note 5d.

3. Expanded use of this field for supplemental data with out size restriction is a DLMS enhancement; see introductory DLMS note 5a.

4. Under full DLMS, the requirement to pass activity address information within the supplement data field will be streamlined. Activity address data previously contained in the SUPAAD will be reflected exclusively in the N1 segment. Future streamlined data; see introductory DLMS note 5c.

AJ	Utilization Code
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DLMS Note:

1. Under DLSS, this is the first position of the document serial number.

Code Name

2. DLMS enhancement; see introductory DLMS note 5a.

GQ Group Qualifier Code

DLMS Note:

Use to identify the MMAC for NSNs to be managed by a specific manager (i.e., system, program, aggregation, selected FSC, technology group). This is an Air Force-unique data element, meaningful to the Air Force only. Non-Air Force Components perpetuate without action.

A data maintenance action was approved in version 5010. The approved code/name is "MAC-Materiel Management Aggregation code". The code source is identified as the Air Force Manual (AFMAN) 23-110, Volumes 1 and 2.

COG Cognizance Symbol

DLMS Note:

Use to identify the Material Cognizance symbol (COG) of the end item. Indicate NSL for non-stock numbered listed items. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

IMC Item Management Code

DLMS Note:

Use to identify the Item Management Code (IMC) for integrated material management. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

MCC Material Control Code

DLMS Note:

Use to identify the Material Control Code (MCC) for special inventory reporting. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

SMI Special Material Identification Code

DLMS Note:

Use to identify the Special Material Identification Code (SMIC) for an end item. This is a Navy-unique data element meaningful to Navy only; Non-Navy Components are to perpetuate without action.

LQ02	1271	Industry Code	X	AN	1/30	Used	1
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Description: Code indicating a code from a specific industry code list

N1 Name

Pos: 450	Max: 1
Detail - Optional	
Loop: N1	Elements: 4

User Option (Usage): Used**Purpose:** To identify a party by type of organization, name, and code**Syntax Rules:**

1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 is present, then the other is required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Federal Note:

Must use this 2/N1/450 loop to identify the organization to receive the transaction.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use	1

Description: Code identifying an organizational entity, a physical location, property or an individual

Federal Note: Use any code.

DLMS Note: 1. Use only one of codes SB or ZN.

2. For DLMS use, only the following codes are authorized.

Code Name

55 Service Manager

DLMS Note:

Army uses for intra-Army LR to identify the Secondary Inventory Control Activity (SICA) as an authorized user of the material. When there are less assets available than indicated in the LR storage information order, Army requires that the SICA quantity be filled prior to the Army GIM transfer quantity. Use of this data is meaningful to Army and DLA DSS only. Army cites data in multiuse rp 48-50 of MILSTRAP DI Codes DZC and DZD. Authorized Army/DLA DSS DLMS migration enhancement for intra-Army LR use.

A data maintenance action was approved in version 4030. The approved code/name is "SIC-Secondary Inventory Control Activity".

SB Storage Area

DLMS Note:

Use to identify a depot or other storage activity.

ZN Losing Inventory Manager

ZP Gaining Inventory Manager

DLMS Note:

Use only for LR storage ownership transfer order transactions to identify the GIM. Do not use when reversing a previously submitted transaction.

N103	66	Identification Code Qualifier	X	ID	1/2	Used	1
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Description: Code designating the system/method of code structure used for Identification Code (67)

Code Name

1 D-U-N-S Number, Dun & Bradstreet

DLMS Note:*DLMS enhancement; see introductory DLMS note 5a.*

9 D-U-N-S+4, D-U-N-S Number with Four Character Suffix

DLMS Note:*DLMS enhancement; see introductory DLMS note 5a.*

10 Department of Defense Activity Address Code (DODAAC)

DLMS Note:*DLMS enhancement; see introductory DLMS note 5a.*

M4 Department of Defense Routing Identifier Code (RIC)

N104	67	Identification Code	X	AN	2/80	Used	1
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Description: Code identifying a party or other code

N106	98	Entity Identifier Code	O	ID	2/3	Used	1
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Description: Code identifying an organizational entity, a physical location, property or an individual**Code Name**

TO Message To

Federal Note:*Must use with 2/N101/450 codes SB or ZN to indicate the organization cited in N104 is to receive the transaction.*

SE Transaction Set Trailer

Pos: 020	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

User Option (Usage): Must use

Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Comments:

- SE is the last segment of each transaction set.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>	<u>Rep</u>
SE01	96	Number of Included Segments	M	N0	1/10	Must use	1
		Description: Total number of segments included in a transaction set including ST and SE segments					
SE02	329	Transaction Set Control Number	M	AN	4/9	Must use	1
		Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set					
		Federal Note: <i>Cite the same number as the one cited in ST02.</i>					